



ANJUMAN-I-ISLAM'S

KALSEKAR TECHNICAL CAMPUS, NEW PANVEL

Approved by : All India Council for Technical Education, Council of Architecture, Pharmacy Council of India New Delhi,
Recognised by : Directorate of Technical Education, Govt. of Maharashtra, Affiliated to : University of Mumbai.

- SCHOOL OF ENGINEERING & TECHNOLOGY
- SCHOOL OF PHARMACY
- SCHOOL OF ARCHITECTURE

DEPARTMENT OF ELECTRICAL ENGINEERING

DEPARTMENT OF ELECTRICAL ENGINEERING

EXM-04(a)

CLASS:- SE		SEM:- III		
SUBJECT:- ADIC		DATE:- 16/02/19		
DURATION:- 1hr		MARKS:- 20		
CLASS TEST 01				
Q.01 Attempt any FOUR:			Marks	CO
1	Draw and Explain block diagram of Op-amp.		2	CO1
2	Explain opamp as voltage follower.		2	CO2
3	Explain virtual short concept and virtual ground concept.		2	CO1
4	Mention Ideal and Practical characteristics of Op-amp.		2	CO1
5	Explain CMRR & SLEWRATE		2	CO1
Q.02 Attempt any TWO:				
1	Explain Integrator using op-amp. Also explain Practical Integrator.		6	CO2
2	Explain Instrumentation Amplifier with an application.		6	CO2
3	Explain Opamp as adder, averaging circuit and scaling amplifier.		6	CO2



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FILE NO : P25, P31

CRITERION : 2.2.2, 3.2.2.

Innovative Teaching - Exuberant Learning

Vision : To be the most sought after academic, research and practice based department of Electrical Engineering that others would wish to emulate.